

APPENDIX A
(Clean Copy Of Amended Claims)

5. (Amended) A stator with a radial winding, the stator comprising at least two separate pole plate assemblies, each said pole plate assembly comprising a plurality of pole plates made of a magnetically conductive material, each said pole plate assembly comprising a hub having a central hole and at least two poles extending radially outward from the hub, the poles being spaced by an identical angular interval, each said pole having a distal end with a magnetic pole face, each said pole having a metal wire wound therearound, wherein the at least two pole plate assemblies are coaxially stacked and the pole thereof are arranged in staggered manner to form the stator.

6. (Amended) The stator with a radial winding as claimed in claim 5, wherein a number of said at least two pole plate assemblies is even, and further comprising an engaging member that extends through the central holes of the even-numbered pole plate assemblies that are aligned with each other, thereby assembling said pole plate assemblies together so that the poles of said at least two pole plate assemblies are disposed alternately and spaced by an identical angular interval, the engaging member having a central hole for rotatably receiving a rotor.